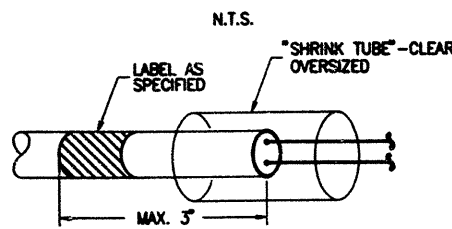


REVISION No. 9

### TYPICAL CABLE LABELING METHOD

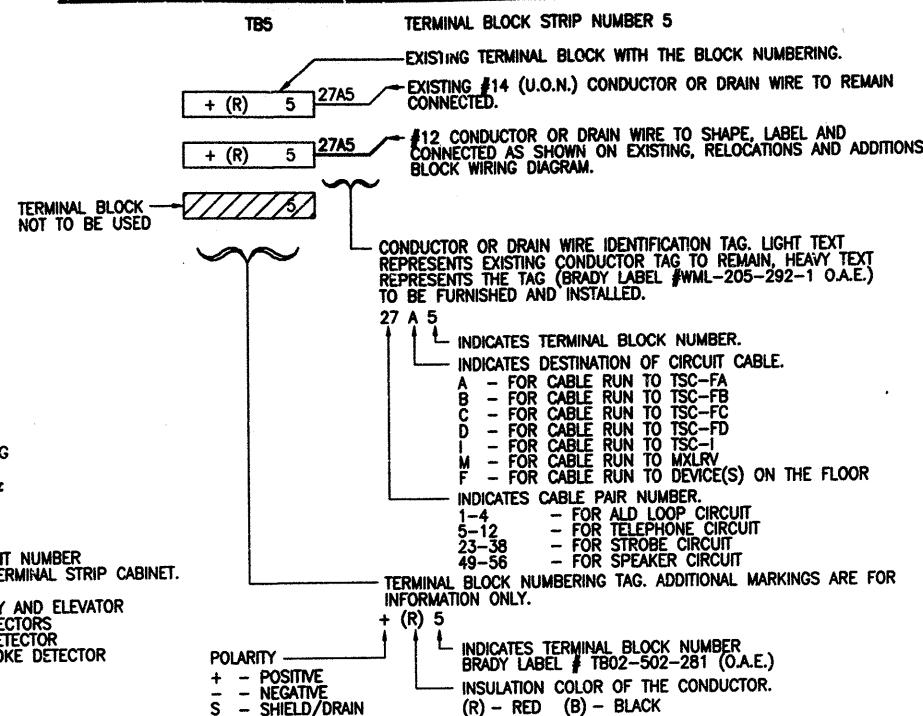


- APPLY LABEL TO OUTER JACKET OF CABLE
- MAXIMUM OF 3" FROM STRIPPED END AS SHOWN
- NOT TO BE COVERED BY OVERSIZED SHRINK TUBE
- DETAIL APPLIES TO ALL CABLE TYPES

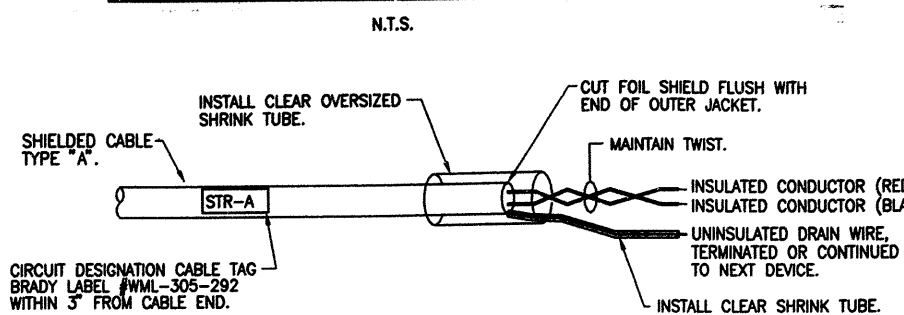
### CIRCUIT LEGEND:

CIRCUIT DESIGNATION	CIRCUIT NUMBER OR NAME
STR-A	CABLE IDENTIFICATION TAG; LIGHT TEXT REPRESENTS EXISTING CABLE TAG TO REMAIN, HEAVY TEXT REPRESENTS THE TAG (BRADY LABEL #WML-305-292 O.A.E.) TO BE FURNISHED & INSTALLED.
STR-B	CIRCUIT NUMBER OR NAME
STR-C	A TO G - STROBE OR SPEAKER CIRCUIT NUMBER
STR-D	ATC - CIRCUIT TO ADDRESSABLE TERMINAL STRIP CABINET
STR-E	PS - CIRCUIT TO PULL STATIONS
STR-F	ELEV - CIRCUIT TO ELEVATOR LOBBY AND ELEVATOR
STR-G	MACHINE ROOM SMOKE DETECTORS
STR-H	CIRCUIT TO HVAC SMOKE DETECTOR
STR-I	HMV - CIRCUIT TO OPEN AREA SMOKE DETECTOR
STR-J	AREA - INTERFACE CABINET CIRCUIT
STR-K	TIB - TENANT INTERFACE BOX
STR-L	STAND PIPE PHONE JACK CIRCUIT

### TERMINATION LEGEND (EXISTING AND ADDITIONS)



### TYPICAL SHIELD/DRAIN INSULATING METHOD "A"



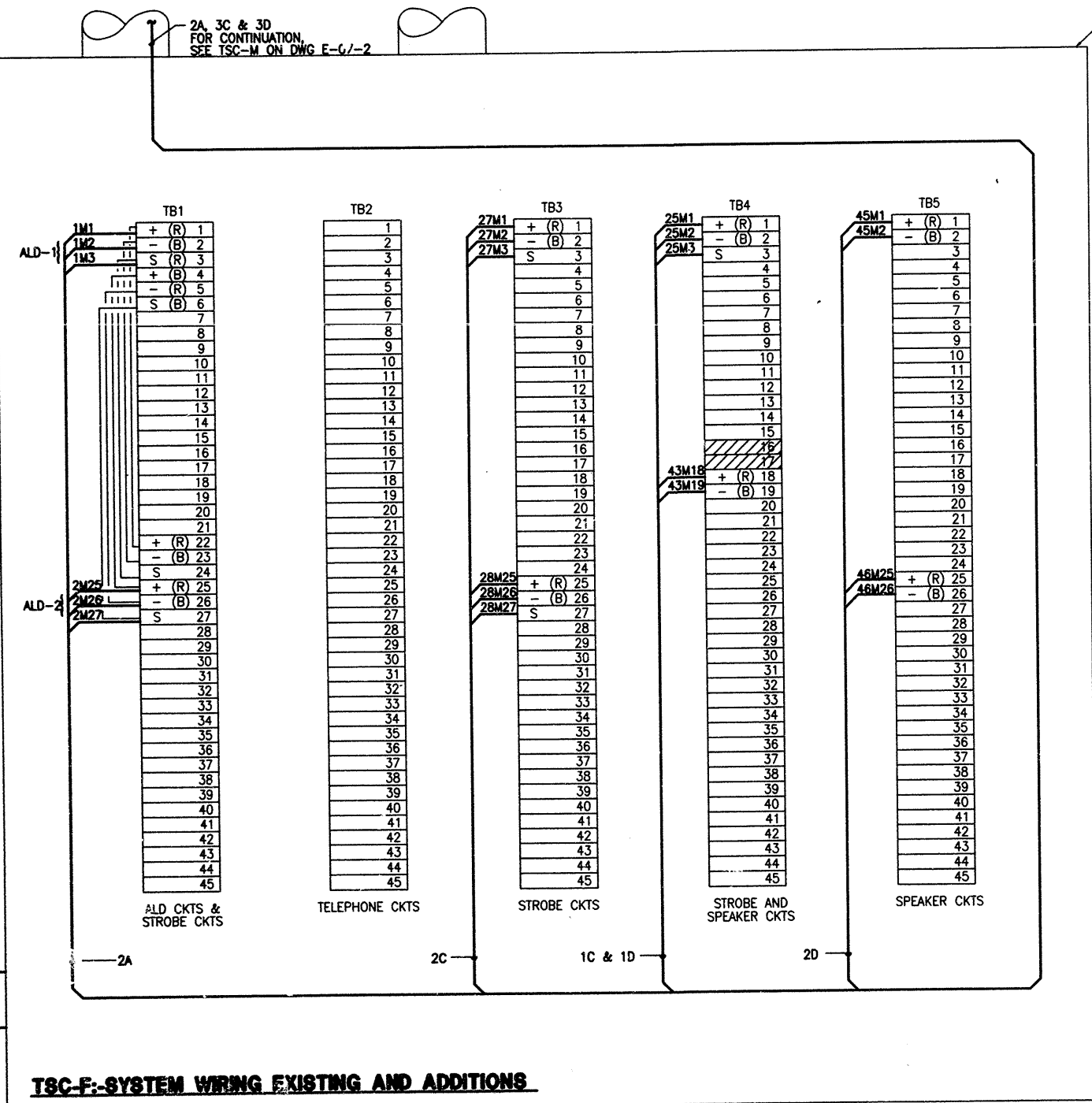
### NOTES:

1. FOR LEGEND, ABBREVIATIONS & GENERAL NOTES, SEE DWG E-1.
2. ALL SHIELDS MUST BE ISOLATED FROM GROUND. APPROVED "SHRINK" TUBING SHALL BE USED ON ALL DRAIN CONDUCTORS. SEE TYPICAL SHIELD/DRAIN INSULATING METHOD "A" ON THIS DWG.
3. ALL WIRING SHALL BE FREE OF GROUND FAULTS, OPENS, SHORTS & STRAY VOLTAGES.
4. ALL WORK SHALL BE DONE IN THE PRESENCE OF THE ENGINEER.
5. TSC-FA WAS FORMALLY CALLED TSC-FB. SEE E-07-5.

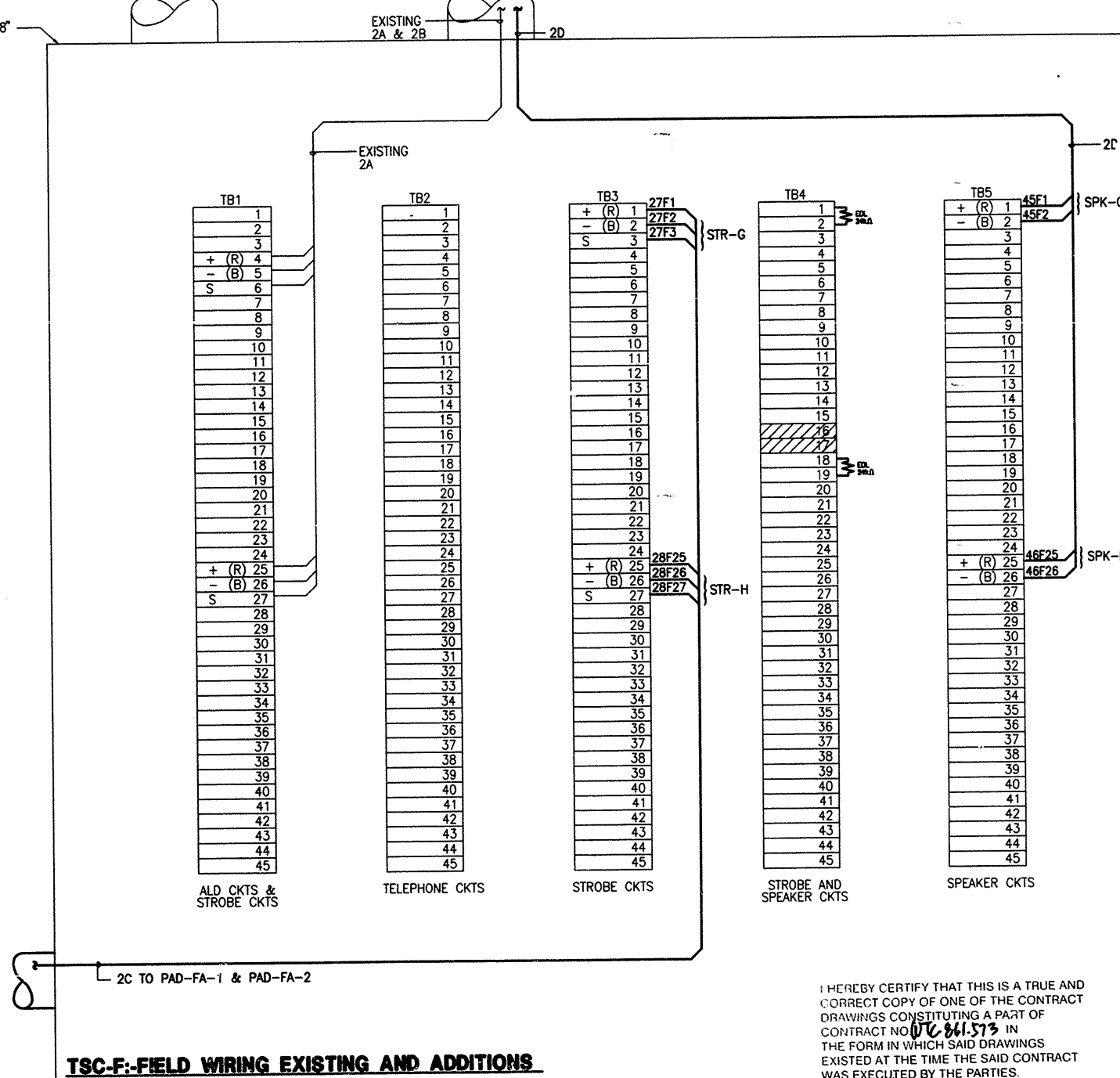
Sheet 82 of 84

THE PORT AUTHORITY  
OF NEW YORK & NEW JERSEY

ENGINEERING PROGRAM MANAGER  
RICK SPYER  
CHIEF ELECTRICAL ENGINEER



TSC-F-SYSTEM WIRING EXISTING AND ADDITIONS



TSC-F-FIELD WIRING EXISTING AND ADDITIONS

I HEREBY CERTIFY THAT THIS IS A TRUE AND CORRECT COPY OF ONE OF THE CONTRACT DRAWINGS CONSTITUTING A PART OF CONTRACT NO. **WTC-861.573** IN THE FORM IN WHICH SAID DRAWINGS EXISTED AT THE TIME THE SAID CONTRACT WAS EXECUTED BY THE PARTIES.

DATE **2/1/00** **AS** **Palacios**  
CONTRACT NO. **WTC-861.573**  
DATE **2/1/00** **AS** **Palacios**  
ENGINEERING PROGRAM MGR.

No. Date Revision Approved

ENGINEERING DEPARTMENT

WORLD  
TRADE  
CENTER

### ELECTRICAL

Title  
FIRE ALARM SYSTEM  
DEVICE UPGRADE  
PHASE III  
5 WTC 3rd, 4th, 5th & 6th FLOORS

7th FLOOR TSC-FA  
BLOCK WIRING DIAGRAM  
EXISTING AND ADDITIONS

This drawing subject to conditions in Contract. All inventions, ideas, designs and methods herein are reserved to Port Authority and may not be used without its written consent.

S. FELDSTEIN N. PALACIOS  
Designed by Drawn by Checked by

NOVEMBER 26, 1999  
Date

WTC-861.573 E-07-6  
Contract Number Drawing Number